

OREGON CROP WEATHER



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

USDA, NASS, Oregon Field Office

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Weather: Spring conditions continued with mild temperatures and light rain. High temperatures ranged from 80 degrees in Hermiston and Rome, down to 57 degrees in Crescent City. Low temperatures ranged from 41 degrees in Astoria/Clatsop, down to 19 degrees in Lorella. All stations reported measurable precipitation last week. The Florence station reported the most rain with 1.37 total inches. Thirty-six stations reported at least two days of rain, but thirty-one stations were below seasonal precipitation levels.

Field Crops: Fertilizer and herbicide applications continued where weather permitted, but showers in Linn County slowed spraying. As wheat flag leaves started to appear in Marion County, there were signs of Stripe Rust infections. Except for a few days of precipitation, weather was favorable for field activity in most areas. Spring planting continued for wheat, barley, field corn and grass crops. Alfalfa and clover crops showed good growth.

Vegetables: Vegetable growers across the State continued with ground preparation. Douglas County reported fields needed drier conditions before planting could begin. Sweet corn fields were in excellent condition in Lane County.

Fruits and Nuts: Cool weather continued to be a concern for fruit growers this week. There were reports of frost damage to cherries in Wasco County and peaches in Lane County. Lane County also reported heavy brown rot blossom blight for cherries. Favorable weather conditions during the latter part of the week allowed producers to apply Eastern Filbert Blight sprays to hazelnuts and fungicides to fruit trees. The emergence of the codling moth began in the Willamette Valley this week.

Nurseries and Greenhouses: Greenhouses and nurseries continue to be busy shipping trees, shrubs and other ornamentals. Home gardeners were busy preparing their ground for vegetable and perennial bed plants. Many trees, shrubs, and other ornamentals were blooming and releasing high levels of pollen throughout the Willamette Valley.

Livestock, Range and Pasture: Pasture and range conditions benefited from warmer temperatures across much of the State. Cattle and calves were healthy and growing well. Late heifers were still calving in some areas and cattle operations were busy with branding and vaccinating new crop calves.

Soil Moisture - Week Ending 04/25/10

	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	0	7	77	16
Subsoil	0	14	72	14

Crop Progress - Week Ending 04/25/10

Crop	This week	Last week	Last year	5 year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Barley planted	84	82	81	80
Barley emerged	64	56	54	59
Spring wheat planted	92	90	81	84
Spring wheat emerged	64	56	41	53
Days suitable for fieldwork	4.6	5.0	6.6	5.4

Crop Condition - Week Ending 04/25/10

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter wheat	0	4	42	43	11
Range and pasture	0	5	33	50	12

Western Oregon

LANE: Improved weather conditions for the southern Willamette Valley allowed for more days of field work. Sweet corn was being planted under excellent ground conditions. Early spring herbicide and fertilizer applications continued for most grass seed crops and tree fruits. There was still some freeze damage to peaches. Good pollination for cherries and pears. Apple blossoms were turning pink. There was still heavy brown rot blossom blight for cherries. Eastern Filbert Blight (EFB) spray continued for hazelnuts. Blueberries were blooming. Raspberries were showing root rot. Blackberries were showing December winter freeze. Grapes were slow to bud. Farmers markets were still slow.

WASHINGTON: Clover was growing rapidly and alfalfa was doing well. Fertilizer and spray for weeds was applied to winter wheat. Grapes were in bud break. Sheep were grazing in some vineyards to control weeds and grass. Soil was being prepared for planting. Vegetable starts were ready for planting. Cattle and calves looked to be healthy and growing well. Temperatures ranged from 61.5 degrees to 33.4 degrees.

YAMHILL: Mild temperatures were in the mid 50's to the low 60's. Some pruning continued in walnut orchards and some fields were still being prepared for planting. Hazelnut leaves were over an inch long and fruit trees were continuing to bloom. Lilac and dogwood trees were blooming. The emergence of the codling moth began in the Willamette Valley this week.

MARION: Warm weather prevailed last week. Range and pasture conditions were looking good. Cool overnight temperatures and wet weather pattern last week kept producers out of the fields. Field crops were growing rapidly. Wheat flag leaves were starting to appear and there were Stripe Rust infections showing up in fields. Plant growth regulators were applied to grass seed fields.

JACKSON: Spring grain planting was almost complete. Recent precipitation kept field work down for a few days. Rains have given hay crops and pastures quick starts. Apples were still in bloom. Frost has been a worry, and there was concern that the weather has held down bees from pollinating. Vegetable gardeners were getting the ground ready for planting. Some early onion varieties were planted. Greenhouses were busy with spring vegetable starts and ornamentals. Nurseries were busy with sales of bare root items, and fruit and decorative trees. Most livestock were on green pastures. Temperatures were warmer for field work and growing conditions. There was snow at higher elevations and rain in the valleys.

JOSEPHINE: Temperatures were moderate. Daytime temperatures ranged from the 50's to 60's. Night temperatures

ranged from the 20's to 40's. Asparagus was a bumper crop this year. Broccoli, cauliflower, and cabbage were doing well. Rhododendrons, azaleas, flowering almond, bulbs, all native shrubs, and trees were sending out high levels of pollen.

COOS/CURRY: Little precipitation, sun and wind have created optimal forage growth conditions. All but the most marginal pastures have maximally produced forage. Low temps were slightly above the 5-year average in Bandon (Coos Co.) and slightly below the 5-year average in southern Curry. High temps through the week were 3.5 degrees above the 5-year average in Coos and nearly 2 degrees below the 5-year average in southern Curry. The dry weather over the weekend was needed, and helped to dry out some of the bottom pastures - some remain under standing water. Bandon (Coos and Northern Curry): Low temp for the period was 37.96 degrees, 0.74 degrees above the 5-year average. High temp for the period was 65.3 degrees, 3.63 degrees above the 5-year average. Precipitation for the period was 1.16 inches, 0.62 inches above the 5-year (including drought in 2005) average for the week. Precipitation for the Current weather year (began 10/09) stands at 46.27 inches, 2.87 inches below the 5 year average. Historical average precipitation October through April is 52.85 inches. Brookings (Southern Curry): Low temp for the period was 39.87 degrees, 0.29 degrees below the 5-year average. High temp for the period was 62.82 degrees, 1.79 degrees below the 5-year average. Precipitation for the period was 0.74 inches, compared to a 5-year (including drought in 2005) average of 0.83 inches. Precipitation for Current weather year precipitation (began 10/08) stands at 67.72 inches, 2.19 inches above the 5 year average. Historical average precipitation October through April is 64.54 inches.

LINN: Weather still remains on the milder side for spring in the Willamette Valley. Lots of cloudy days and plenty of showers have slowed farmers in fertilizing and spraying fields. Orchards have bloomed well. The winter wheat crop was showing a lot of stress from the wet weather.

DOUGLAS: Warmer, breezy weather started to dry out saturated soils. Some field work began on sandy soils. Good weekend weather allowed some fungicide sprays to get on fruit trees and berry bushes. Nursery workers were moving plants out of the fields for shipping. Vegetable ground needed about one more week with drier conditions to get farmers into the fields. The plum crop will be very light with poor pollination. Peach set looked a bit light. Fruit set for apples, pears, cherries and blueberries looked good.

Eastern Oregon

SHERMAN: Moderate daytime temperatures prevailed with cool temperatures at night. Precipitation slowed field work for a day.

WASCO: Windy spring weather occurred last week with a few showers. Field activities were in full swing with field cultivation and weed spraying. Spring seeding continued for spring wheat, barley, and grass crops. Alfalfa crops were putting on good growth, but no buds. Grapes were starting to leaf. Strawberry plants were about 100 percent in bloom, and rhubarb plants were nearing harvest. Cherry blossoms were almost complete. There were some reports of early freeze damage. Beef cattle were continuing to do well on improving pastures. A few late heifers were still calving and sheep shearing was in progress. A number of cattle operations were branding and vaccinating new crop calves.

WALLOWA: Good moisture was received last week which provided short term relief for all crops and range. More moisture was projected.

GRANT: Cold temperatures slowed growth for range and grass, but pastures were looking good. Livestock were being turned out into spring pastures. Most spring crops were planted.

MALHEUR: Early in the week temperatures were in the mid-70s, then turning to rain and very windy. The weekend weather

reached temperatures in the mid-60s and a little breezy. Field corn plantings were under way.

UNION: Received much needed rainfall mid-week with amounts ranging from 0.5 inch to 1.4 inches.

KLAMATH: Very limited moisture last week was reported. The only irrigation available was from well water. Pasture growth was slowed by limited water supplies.

HARNEY: A major storm occurred last week. This storm included tornado-like winds and heavy rain fall.

UMATILLA: Farmers were planting field corn. Some growers were in a holding pattern waiting for drier weather.

HOOD RIVER: Variable but seasonal weather conditions prevailed through the week. Minimum temperatures stayed above critical ranges for developing fruit flower buds from frost damage. At week's end, crop development in the lower Hood River Valley was as follows: d'Anjou pear at post bloom (WSU stage 8); Red Delicious apple at about 50% open flowers; Bing cherry at post bloom (WSU stage 9); Pinot noir grape at bud burst (Eichhorn-Lorenz stage 5).

Weather data for selected stations in Oregon, Week ending: April 25, 2010 (as of 11:00 am) ¹

Station	Air temperature ²				Growing degree days ³		Last week precip. ⁴			Season cum. precipitation ⁵			
	Low	High	Avg.	DFN ⁶	Total	DFN ⁶	Total inches	DFN ⁶	Days ⁷	Total inches	DFN ⁶	Pct. normal	Days ⁷
COASTAL AREAS													
Astoria/Clatsop	41	64	50	+2	10	+3	0.72	-0.23	4	64.02	6.14	111	144
Bandon ⁸	38	65	50	+0	5	-9	1.16	0.29	5	47.36	-5.34	90	159
Crescent City	38	57	49	-2	5	-21	1.26	0.38	3	52.94	-6.08	90	130
Florence	32	61	49	-2	1	-13	1.37	0.29	4	70.63	3.24	105	132
North Bend	36	61	49	-2	4	-10	1.02	0.08	3	48.15	-8.65	85	129
Tillamook	34	64	51	+3	10	+3	0.72	-0.51	4	52.47	-24.34	68	137
WILLAMETTE VALLEY													
Aurora ⁸	36	66	51	+2	11	-10	0.06	-0.52	3	34.82	-0.34	99	134
Corvallis	33	66	50	-1	9	-10	0.19	-0.33	2	35.30	-2.48	93	148
Detroit Lake ⁸	34	70	49	+5	11	+4	0.47	-0.43	4	66.97	7.73	113	137
Eugene	34	70	51	+0	11	-10	0.49	-0.13	2	32.57	-11.22	74	120
Hillsboro	35	66	51	+1	12	-9	0.13	-0.29	2	29.62	-3.04	91	123
McMinnville	32	64	50	-2	11	-10	0.16	-0.33	2	22.53	-16.18	58	107
Portland	39	68	54	+2	25	+0	0.12	-0.38	3	26.34	-4.35	86	140
Salem	35	67	52	+3	17	+0	0.17	-0.32	2	35.93	1.66	105	126
SW VALLEYS													
Grants Pass	36	78	52	-2	25	-13	0.62	0.27	3	23.64	-4.75	83	118
Medford	36	73	53	+1	26	-6	0.74	0.49	2	11.36	-4.99	69	79
Roseburg	37	75	53	+2	24	-6	0.69	0.23	3	25.88	-3.17	89	125
NORTH CENTRAL													
Condon	28	70	48	+3	16	+9	0.78	0.50	3	11.91	1.45	114	85
Echo ⁸	39	77	55	+3	39	+6	0.32	0.18	3	6.43	-0.71	90	76
Heppner	33	76	52	+3	23	+2	0.34	0.06	1	7.60	-2.69	74	67
Hermiston	33	80	56	+4	43	+10	0.55	0.41	1	6.67	-0.47	93	62
Madras ⁸	30	68	48	-2	5	-16	0.67	0.53	3	7.73	-0.06	99	87
Moro	34	70	50	+3	16	+2	0.56	0.42	3	11.20	2.32	126	76
Parkdale ⁸	32	69	50	-1	10	-11	0.27	-0.07	5	32.04	3.90	114	130
Pendleton	36	77	53	+2	28	+0	1.08	0.87	1	8.64	-0.72	92	72
Prairie City ⁸	30	68	48	-2	5	-16	0.67	0.53	3	7.73	-0.06	99	87
The Dalles	40	77	57	+9	51	+35	0.14	0.00	2	10.44	0.10	101	85
SOUTH CENTRAL													
Agency Lake ⁸	23	65	43	+0	-	-7	0.03	-0.15	1	8.80	-4.34	67	76
Bend	25	71	44	-1	2	-9	0.40	0.26	1	8.50	-0.40	96	31
Burns	25	75	48	+4	9	+2	0.30	0.16	2	8.31	1.33	119	80
Christmas Valley ⁸	23	65	43	-4	-	-14	0.80	0.66	2	4.14	-5.02	45	72
Klamath Falls	25	65	45	-2	-	-14	0.50	0.36	2	4.83	-6.06	44	67
Klamath Falls ⁸	24	67	45	-2	-	-14	0.36	0.22	2	5.84	-5.05	54	80
Lakeview	22	66	42	-4	-	-7	0.42	0.14	3	6.91	-5.03	58	87
Lorella ⁸	19	66	43	-4	-	-14	0.33	0.19	2	6.20	-4.69	57	76
Redmond	27	68	46	+2	2	-10	0.70	0.56	2	5.38	-0.65	89	59
Worden ⁸	25	66	44	-3	-	-14	0.35	0.21	3	5.28	-5.61	48	68
NORTHEAST													
Baker City	28	76	48	+2	8	-5	1.21	1.00	2	6.05	-0.51	92	69
Joseph	27	74	47	+6	18	+14	1.36	0.94	3	9.23	-9.61	49	69
La Grande	34	79	52	+5	19	+5	1.08	0.74	2	7.00	-5.66	55	65
Union	32	79	51	+5	24	+10	1.10	0.82	1	9.03	0.24	103	63
SOUTHEAST													
Ontario	33	79	55	+3	39	+2	0.33	0.19	1	7.60	0.11	101	67
Rome	26	80	50	+3	15	-5	0.13	-0.04	2	6.63	1.31	125	59

¹ Summary based on NWS data. Copyright 2010: AWIS, Inc. All Rights Reserved.

² Air temperature in degrees Fahrenheit.

³ Growing degree days base-50 degrees Fahrenheit.

⁴ Precipitation (rain or melted snow/ice) in inches.

⁵ Season cumulative precipitation starts September 1, 2009.

⁶ DFN=Departure from normal (using 1961-1990 normal period).

⁷ Precipitation days = Days with precipitation of 0.01 inch or more.

⁸ Agri-Met weather stations.